AUTODOC CLUB

# How to change engine oil and filter on **TOYOTA Land Cruiser Prado 150 (J150)** – replacement guide

## SIMILAR VIDEO TUTORIAL

This video shows the replacement procedure of a similar car part on another vehicle

**Important!**

This replacement procedure can be used for:
TOYOTA Land Cruiser Prado 150 (J150) 3.0 D-4D (KDJ155_, KDJ150_), TOYOTA Land Cruiser Prado 150 (J150) 3.0 D-4D (KDJ150_)

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: TOYOTA Land Cruiser Prado 120 (J120) 3.0 D-4D

# REPLACEMENT: ENGINE OIL AND FILTER – TOYOTA LAND CRUISER PRADO 150 (J150). LIST OF THE TOOLS YOU'LL NEED:

- All-purpose cleaning spray
- Oil filter cup socket 76-14F
- Drive socket # 17
- Ratchet wrench
- Torque wrench
- Oil drain pan
- Funnel
- Fender cover

Buy tools

Replacement: engine oil and filter – TOYOTA Land Cruiser Prado 150 (J150). Tip from AUTODOC:

- Replace the oil filter every time when changing motor oil.
- All work should be done with the engine stopped.
- Wear gloves to prevent contact with hot liquid.

# REPLACEMENT: ENGINE OIL AND FILTER – TOYOTA LAND CRUISER PRADO 150 (J150). USE THE FOLLOWING PROCEDURE:

1 Open the hood.

2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

3 Clean the cap of the oil filler neck. Use all-purpose cleaning spray.

4 Unscrew the oil filler plug.

5 Lift the car using a jack or place it over an inspection pit.

## Replacement: engine oil and filter – TOYOTA Land Cruiser Prado 150 (J150). Tip from AUTODOC experts:

- The vehicle must be on even keel, and if it is at an angle, the drain plug must be at the lowest point.

**6** Put a waste oil container with at least 7 l capacity under the drainage hole.

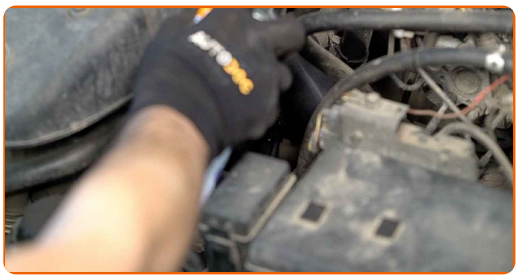
**7** Unscrew the drain plug. Use a drive socket #17. Use a ratchet wrench.

**8** Drain the used oil.

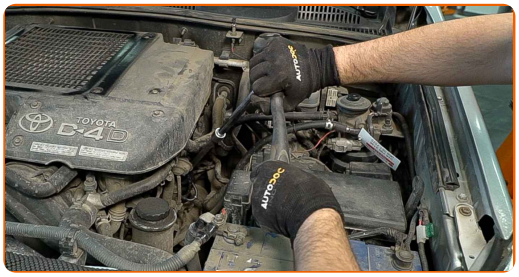
## Replacement: engine oil and filter – TOYOTA Land Cruiser Prado 150 (J150). Tip:

- Caution! The oil may be hot.

**9** Clean the oil filter. Use all-purpose cleaning spray.



**10** Unscrew the oil filter. Use the 76-14F socket. Use a ratchet wrench.



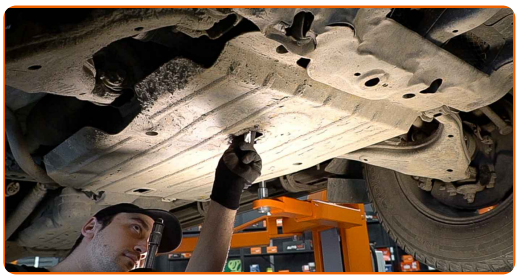

**11** Prepare a container for the old oil filter. Put the old oil filter in the container.

## Replacement: engine oil and filter – TOYOTA Land Cruiser Prado 150 (J150). Professionals recommend:

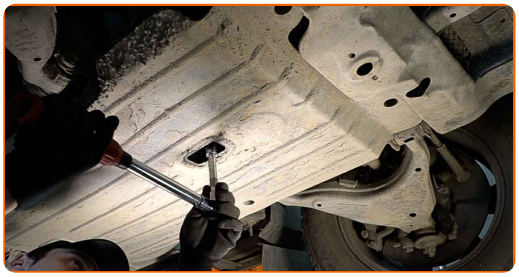
- Move up the container. The oil starts to drain out of the drainage hole immediately after you have removed the oil filter.

**12** Wait until the oil has completely drained from the drainage hole.

**13** Clean the area of the oil pan drainage hole.



**14** Screw in the new oil drain plug. Use a drive socket #17. Use a ratchet wrench.

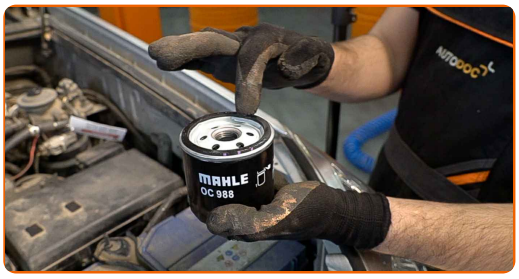


**15** Tighten the oil drain plug. Use a drive socket #17. Use a torque wrench. Tighten it to 30 Nm torque.

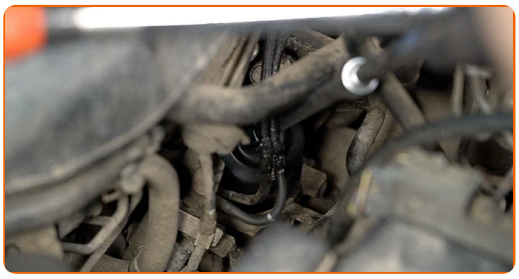
**16** Clean the area of the oil pan drainage hole. Use all-purpose cleaning spray.

**17** Lower the car.

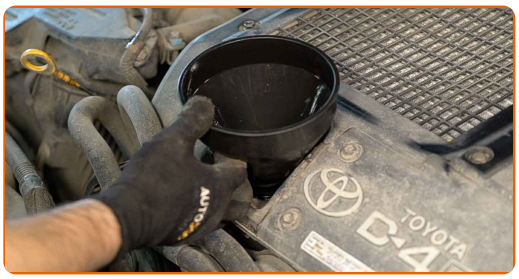
**18** Lubricate the rubber seal of the new filter with a little amount of fresh oil.




**19** Screw the new filter into its place. Use the 76-14F socket. Use a torque wrench. Tighten it to 20 Nm torque.



**20** Remove the oil filler cap. Insert the funnel.

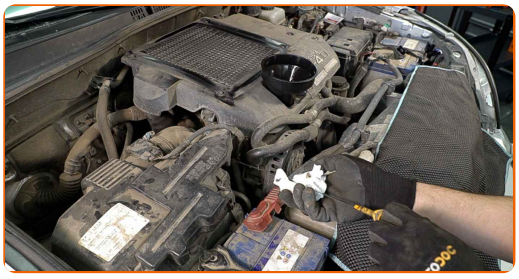



**21** Pour new oil into the engine in the amount recommended by the car manufacturer.

## Replacement: engine oil and filter – TOYOTA Land Cruiser Prado 150 (J150). Tip from AUTODOC experts:

- Use the oil recommended by the manufacturer.

**22** Check the oil level using the dipstick. Top up oil if necessary.



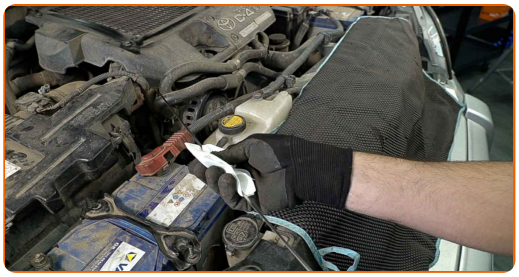
## Please note!

- The oil level should be between the Min and Max marks.

**23** Tighten the oil filler cap.

**24** Run the engine for a few minutes. After the oil pressure warning light goes out, stop the engine.

**25** Check the oil level 5 minutes after the stop of the engine operation using a dipstick and add oil if necessary.



**Please note!**

- The oil level should be between the Min and Max marks.
- Make sure that the oil filler cap is properly tightened.
- Check the threaded plug of the drainage hole and the oil filter seal for tightness. If necessary, carefully tighten them up.

**26** Remove the fender protection cover.

**27** Close the hood.

## Replacement: engine oil and filter – TOYOTA Land Cruiser Prado 150 (J150). AUTODOC recommends:

- Note that oil pressure warning light, which indicates insufficient pressure in the lubrication system, may be on for a longer time than usual. After a few seconds, the oil will fill all the channels, and the light will go out.
- To protect the environment from pollution, be sure to dispose of the used filters at special collection points.

## WELL DONE!

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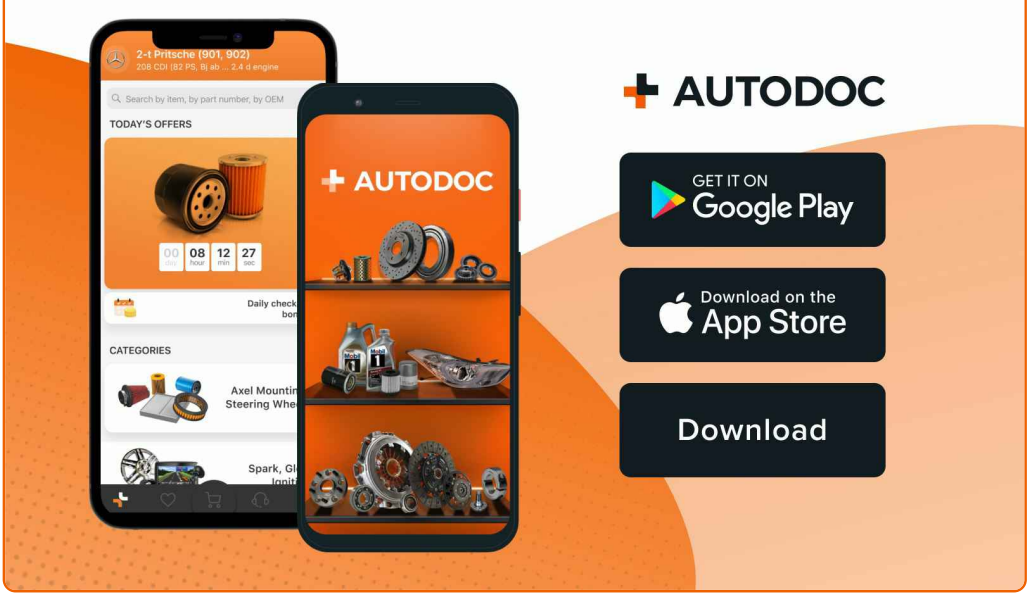


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